

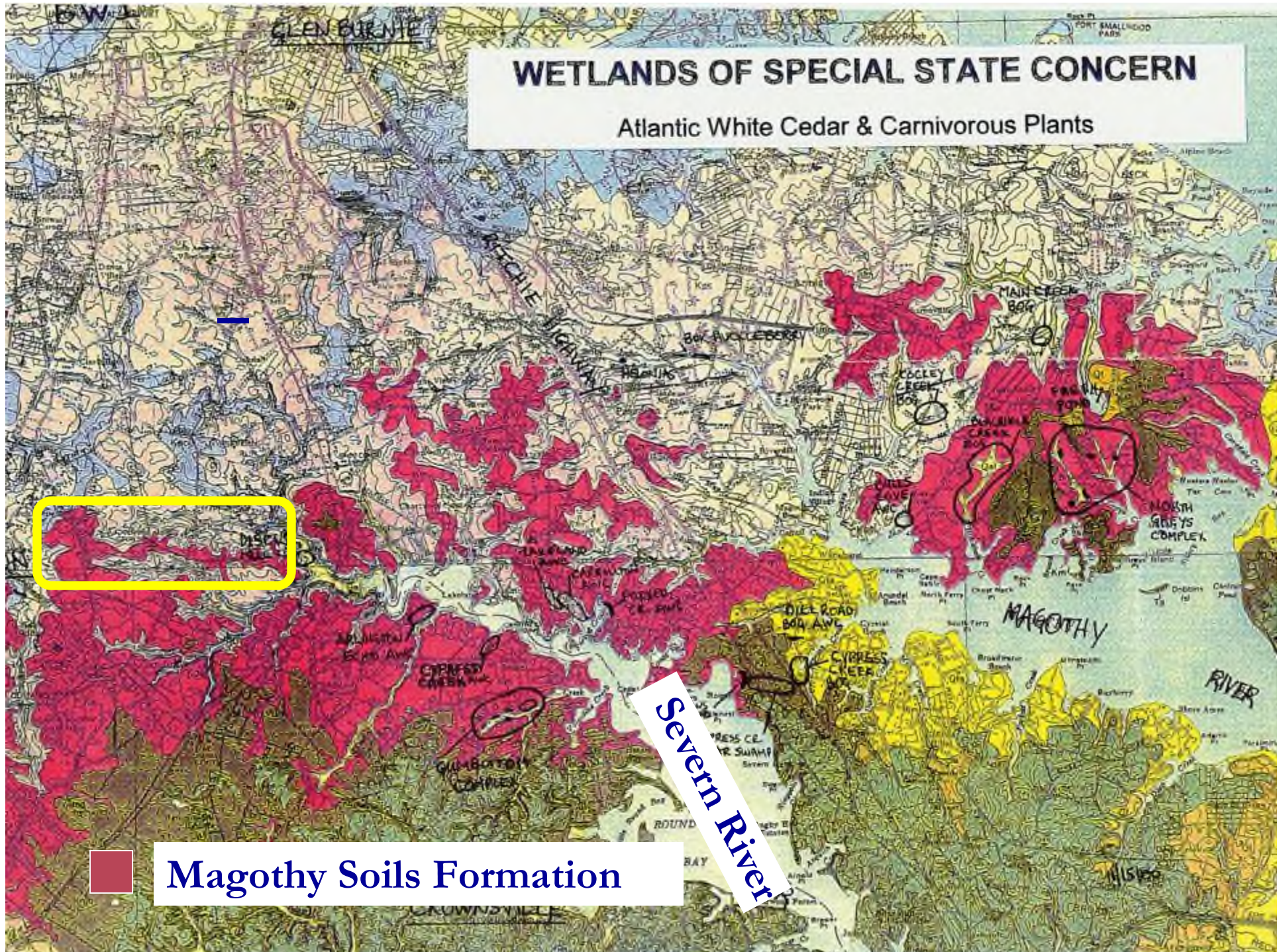
Aurora Hills Stream Restoration Project

Underwood & Associates



WETLANDS OF SPECIAL STATE CONCERN

Atlantic White Cedar & Carnivorous Plants





Magothy Formation Soil Layers



DROP STRUCTURES



PIPES





RIP RAP

HUGE CAVITIES



LOWERED GROUNDWATER TABLES

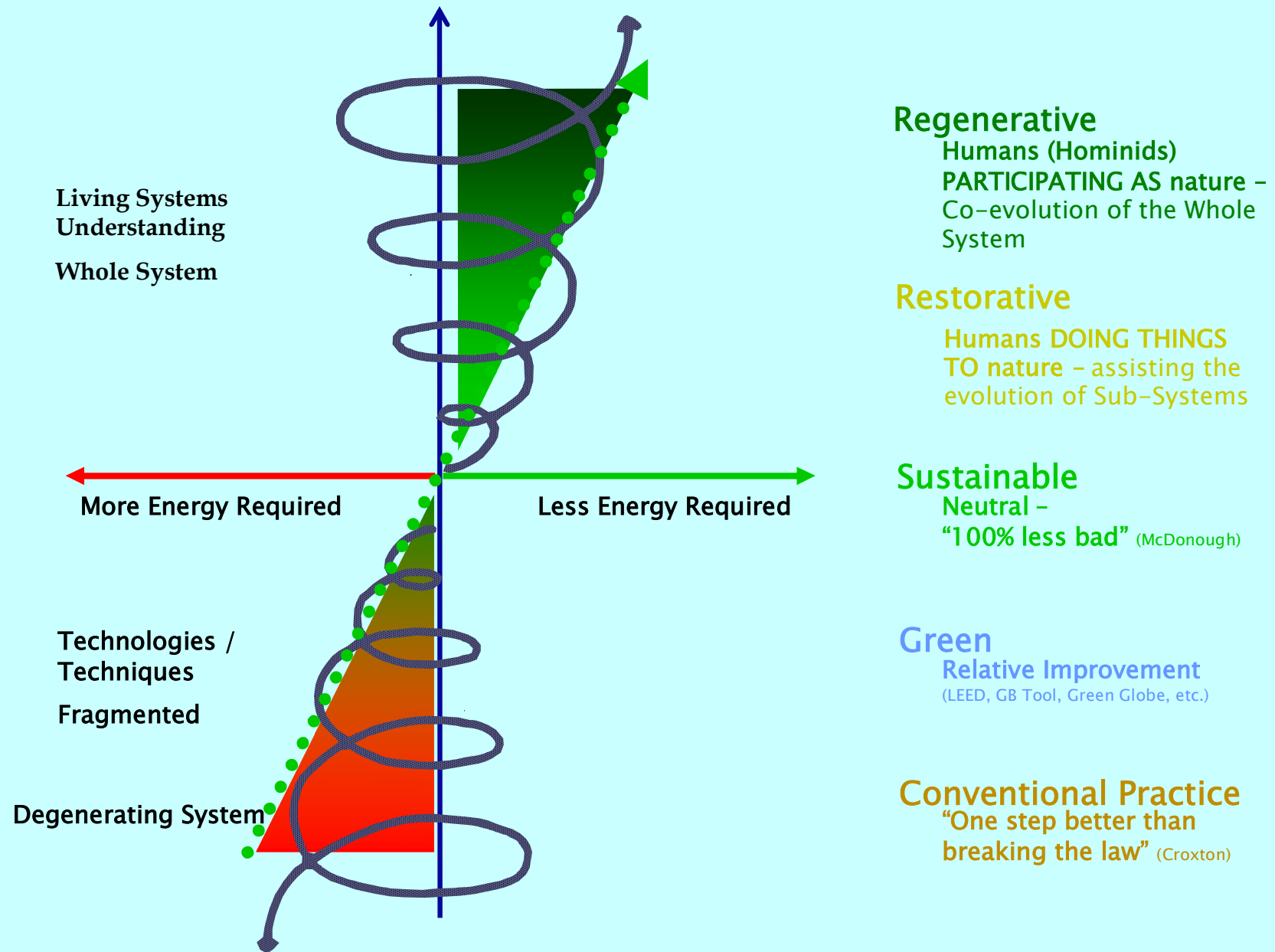






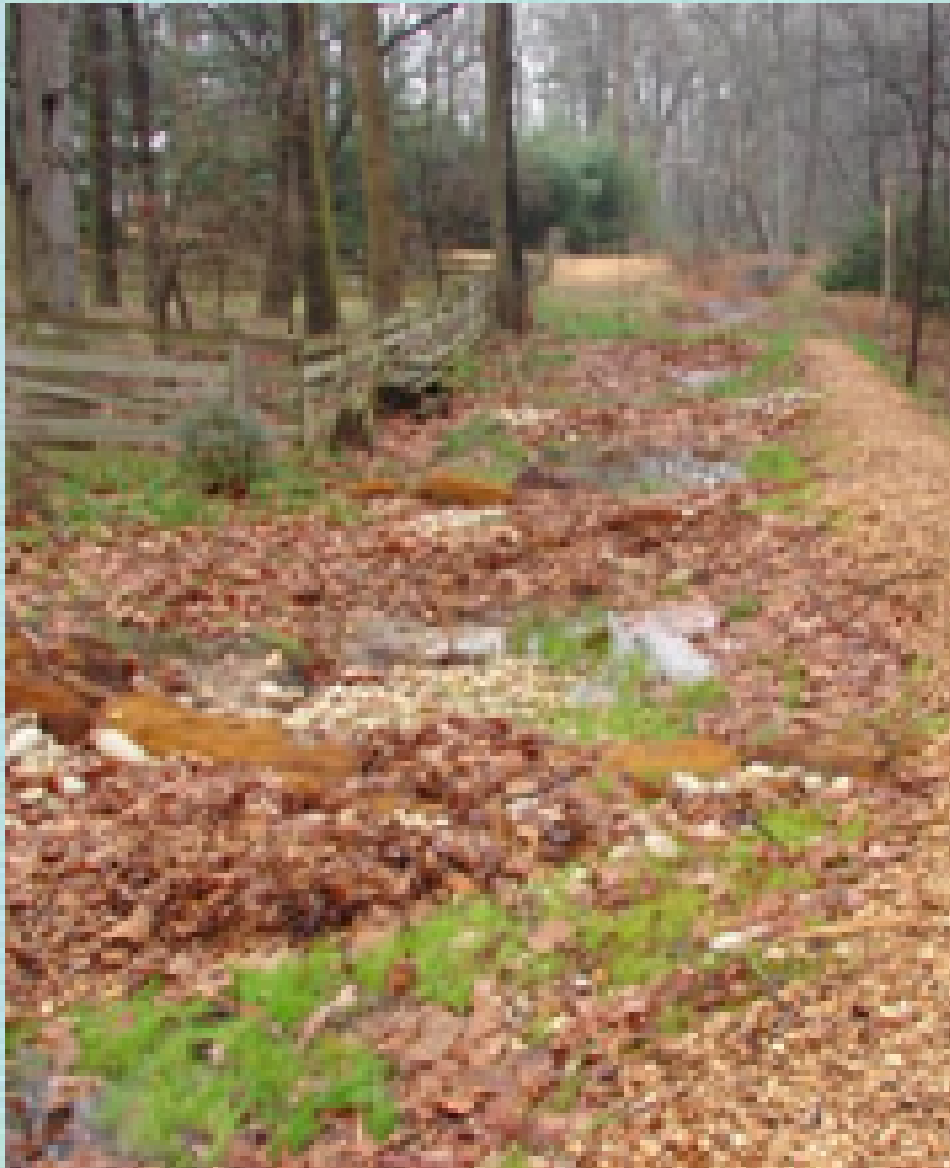






Trajectory of Environmentally Responsible Design

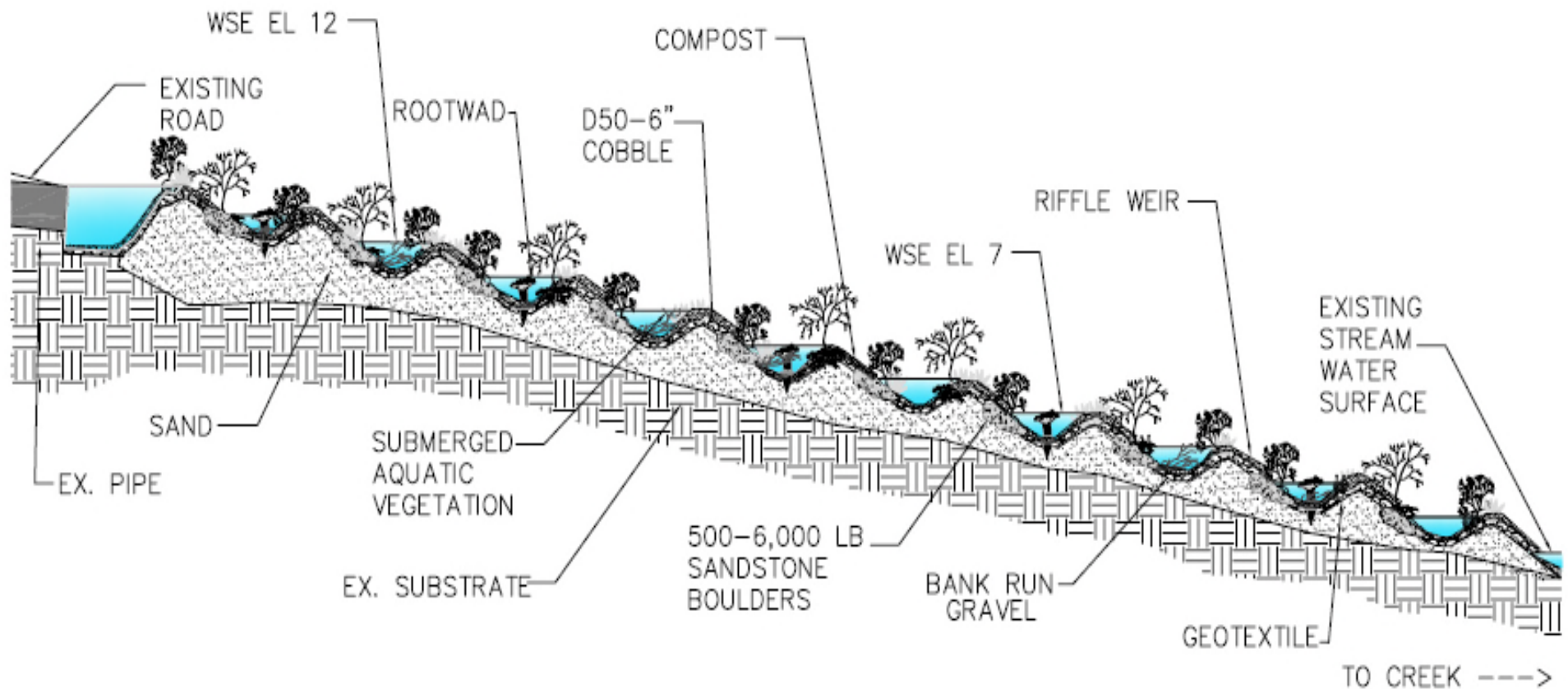
Integrative Design Collaborative and Regenesi 2006 – Bill Reed, reed@integrativedesign.net



Cost Competitive and Easier to Permit

Basic Building Blocks

Regenerative Stream Channel















SEEPAGE SEAM



RAISED GROUNDWATER







RESTORED SPRING HEADS



INFILTRATIVE LOSSES







Sand Seepage Bed/ haul road



Sweetbay magnolia





● MINIMIZE FOREST DISTURBANCE













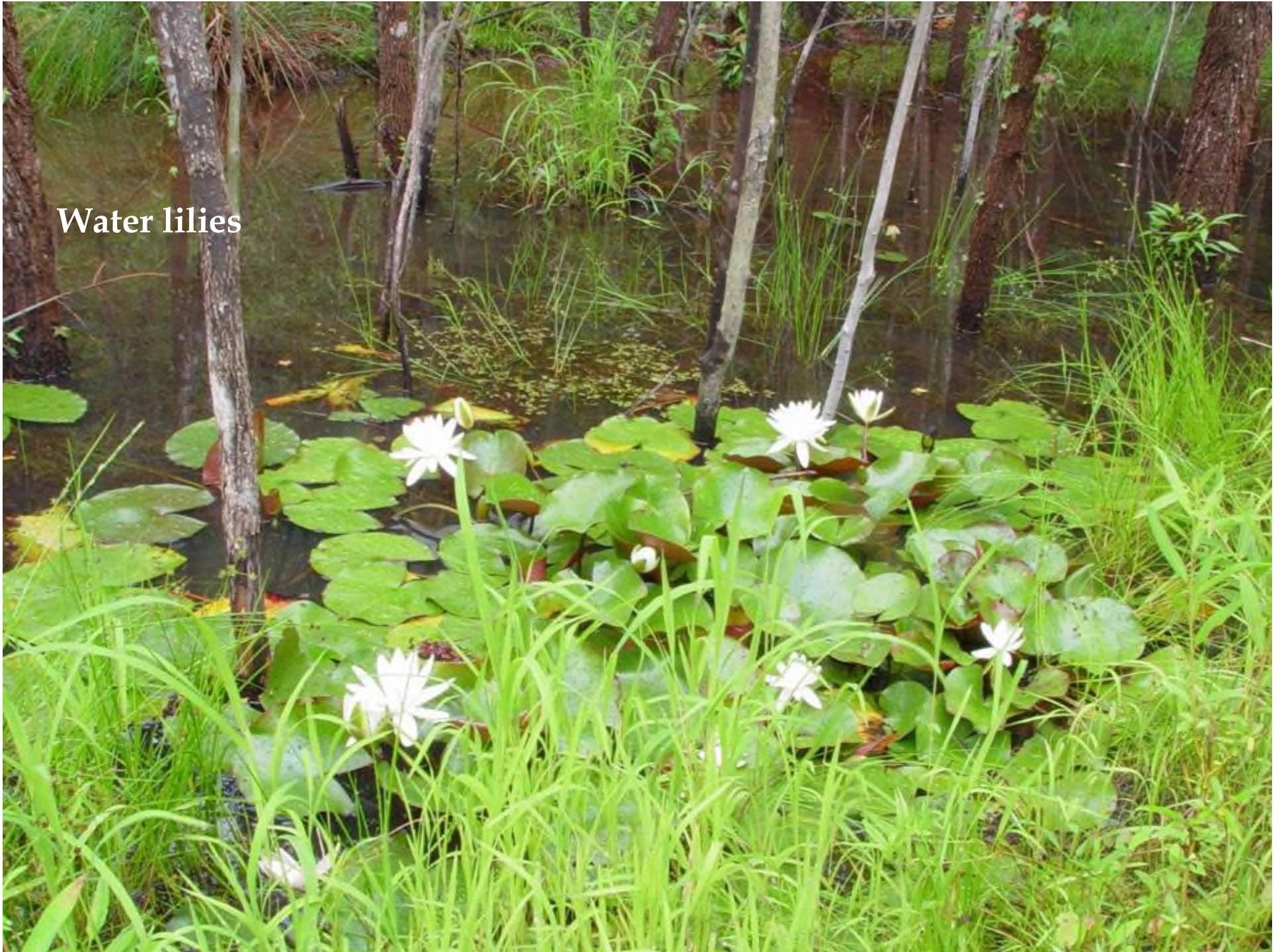




Restored? but not Reconnected



Water lilies





Atlantic
White Cedar

Native Species
Planting

Restoration of rare, threatened, and endangered plant populations

Pitcher plant







Questions

Keith Underwood

Underwood & Associates

www.ecosystemrestoration.com

bogs@comcast.net